

THERAPEUTIC EXERCISE DEVICE WITH ADJUSTABLE FRAME FOR  
WHEELCHAIR USERS AND STANDARD FOUR LEGGED CHAIR USERS

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ABSTRACT

A leg exerciser for the wheelchair bound or a  
basic four legged chair user which includes which is  
placed on the floor the frame is designed to be adjust-  
10 able to suit the users leg length. The frame has a  
horizontal end member at one end with retaining plates  
attached, proportionately spaced to retain the front  
wheels of a wheelchair or the two front legs of a basic  
four legged chair therein. The front wheels of the wheel-  
15 chair or the two front legs of the basic four legged chair  
fit in front of the horizontal end member. This arrange-  
ment thus serves to fix the position of the wheelchair  
or basic four legged chair relative to the exerciser  
and to prevent relative movement between the wheelchair  
20 or basic four legged chair and the exerciser. The forces  
exerted on the exerciser are directed so that the front  
wheels of the wheelchair or the two front legs of the  
basic four legged chair are caused to engage the horizontal  
end member and its retaining plates which prevents the  
25 rearward movement of the chair or any forward movement  
of the exerciser. A shock absorber provides resistance

against a pivoting radius arm to which foot pedals are attached. Return force is provided to cause the foot pedals and radius arm to re turn to an initial resting position.

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